

03040202-110

(Lake Swamp)

General Description

Watershed 03040202-110 is located in Darlington and Florence Counties and consists primarily of **Lake Swamp** and its tributaries. The watershed occupies 34,827 acres of the Upper and Lower Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Rains-Norfolk-Lynchburg series. The erodibility of the soil (K) averages 0.17; the slope of the terrain averages 1%, with a range of 0-2%. Land use/land cover in the watershed includes: 42.7% agricultural land, 28.4% forested land, 22.7% scrub/shrub land, 5.5% forested wetland (swamp), 0.5% urban land, and 0.2% water.

Lake Swamp originates near the City of Hartsville and accepts drainage from Dargans Bay and Horse Branch. There are 51.8 stream miles in this watershed and a few ponds totaling 8.9 acres. Lake Swamp is classified FW* (Dissolved oxygen not less than 4 mg/l and pH between 5.0 and 8.5) and the remaining streams are classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-345	W	FW*	LAKE SWAMP AT S-21-38

Lake Swamp (PD-345) - Aquatic life uses are fully supported. This is a blackwater system, characterized by naturally low dissolved oxygen concentrations. Although dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. Recreational uses are fully supported.

Growth Potential

There is a low potential for growth in this watershed, which contains a portion of the Town of Timmonsville. U.S. Hwy. 76 and a rail line cross the watershed at the Town of Timmonsville connecting the Cities of Sumter and Florence. There are no plans to widen highway corridors U.S. Hwy. 401 or U.S. Hwy. 76 west of Timmonsville at this time; however, there are plans to widen U.S. Hwy. 76 east of Timmonsville to I-95, which would bring about commercial growth. Water and sewer services are provided for the Town of Timmonsville and the area immediately surrounding it, and improved water and sewer systems in this town holds the potential for future industrial growth in the area. Interstates I-20 and I-95 cross the watershed. The remainder of the watershed is rural with agricultural and timberland uses.